

AIN 114-11, OVERHEATING OF THE ENHANCED PORTABLE INDUCTIVE  
ARTILLERY FUZE SETTER (EPIAFS) FOR 155MM HOWITZERS

//UNCLASSIFIED//

021958Z May 11

FROM CDR JMC ROCK ISL IL//AMSJM-QAS//

740(A)

SUBJECT: AMMUNITION INFORMATION NOTICE (AIN) 114-11, OVERHEATING OF THE  
ENHANCED PORTABLE INDUCTIVE ARTILLERY FUZE SETTER (EPIAFS) FOR 155MM  
HOWITZERS

1. AIN 113-11 WAS TRANSMITTED ON 021452Z May 11.

2. THIS AIN SUPERSEDES AIN 076-10.

3. REFERENCES:

A. TM 9-1290-211-13&P OPERATOR AND FIELD MAINTENANCE MANUAL FOR FUZE  
SETTER: ENHANCED, PORTABLE, INDUCTIVE, ARTILLERY (EPIAFS), M1155A1, 15 AUG  
2007.

B. TB 9-1230-780-13 OPERATOR'S AND FIELD INFORMATION FOR PROJECTILE,  
155MM HE, XM892 (EXCALIBUR) AND PORTABLE EXCALIBUR FIRE CONTROL SYSTEM  
(PEFCS) XM152, 15 DEC 2007.

C. TM 9-1025-215-10 HOWITZER, MEDIUM, TOWED 155-MM, M777 HOWITZER,  
MEDIUM, TOWED: 155-MM-M777A1/HOWITZER, MEDIUM, TOWED:  
155-MM, M777A2, JUN 2006.

4. REQUEST SURVEILLANCE ORGANIZATIONS (QASAS) DISSEMINATE THIS INFORMATION  
TO ALL ORGANIZATIONS WITH 155MM HOWITZER.

5. PROBLEM: WHEN CABLED TO THE HOST PLATFORM SYSTEM (PEFCS OR M777A2), THE  
EPIAFS SETTER HAS A CHANCE OF OVERHEATING.

6. SYMPTOMS: IF THE EPIAFS IS HOT TO THE TOUCH AFTER BEING POWERED ON FOR  
AN EXTENDED PERIOD OF TIME, THIS PROBLEM HAS OCCURRED. IF LEFT IN THIS  
STATE, THE EPIAFS SETTER MAY EXPERIENCE INTERNAL CIRCUIT DAMAGE. THERE IS  
NO DANGER TO THOSE AROUND IT, BUT TO PREVENT FURTHER DAMAGE DISCONNECT THE  
SETTER FROM THE CABLE AND REMOVE THE BATTERY.

7. REMEDY: IF THE EPIAFS IS HOT TO THE TOUCH, DISCONNECT IT FROM THE CABLE

AND WAIT 20 MINUTES. MAKE SURE A PLATFORM INTEGRATION KIT (PIK) IS INSTALLED IN THE SAME PLATFORM SYSTEM (M777A2 OR PEFCS) AND THAT IT IS POWERED UP AND RUNNING. THEN RECONNECT THE SETTER.

8. TO PREVENT THE PROBLEM: ALWAYS MAKE SURE THAT AN EPIAFS PIK IS INSTALLED AND POWERED UP WHEN AN EPIAFS SETTER IS USED IN THE CABLED MODE. FOR M777A2, WHEN THERE IS NO PIK AVAILABLE, USE THE SETTER WITH BATTERIES AND DISCONNECTED FROM THE CABLE. THE PROBLEM CAN ONLY OCCUR WHEN THE SETTER IS CONNECTED TO THE CABLE. DO NOT USE THE SETTER DISCONNECTED WITHOUT THE PIK FOR PEFCS.

9. POINT OF CONTACT IS DSN: 880-2451 OR COM (973) 724-2451. POC FOR DISTRIBUTION IS DSN 793-7295 OR COMMERCIAL (309) 782-7295.

10. THIS AIN EXPIRES 31 MAY 2012 UNLESS OTHERWISE RESCINDED OR SUPERSEDED.

//SIGNED//

CHIEF, AMMUNITION SURVEILLANCE DIVISION.